Project Application Land Use Department

P.O. Box 660; 333 Calef Hwy, Barrington, NH 03825 • Phone: 603-664-5798 • Fax: 603-664-0188

Case Number:	Project	9.6 ct Name: The Vi	illage At Barrington	n Square Date 6-14-21
		Staff Signature required		
PRELIMINARY A	PPLICATION: Preliminary	Conceptual Review	Design Review Γ	Development of Regional Impact
FORMAL APPLIC Subdivision Type: Site Plan Review:	CATION: Major Minor Major_X Minor Conditional Use Permit_ Change of Use Exte Amendment to Subdivision	Conventional_ X Sign Permit_ ension for Site Plan on	Conservation_ Boundary Line Adju or Subdivision Completion	nstment X Special Permit
Project Name:	The Village At Barr	rington Square		Area (Acres or S.F) 23.63
r roject Additess	s. Community way & N	H Route 9		
Current Zoning	g District(s): Town Cernarrative for more	nter		Lot(s) 1-1 & 3
	All contacts for	this project will be made	nt) shall attend pre-application confe on to other parties as required. Le through the Applicant listed belo	erences and public hearings, will receive the
Owner: Dove Det	velopment Group LLC			
CompanyDove De	evelopment Group LLC	I,		
Phone: 603-74	2-2121	Fax:	E-mail:	
Address: 242 Cen	tral Ave. Dover NH	03820	robert@	: centralfallsrealty.com
Applicant (Contact Company	t): Same			
A. 4802104		Hav	E-mail:	
Developer: Same Company				
Pnone:		Fav	E-mail:	
Architect:				
* * ··································				
t done.		Fax:	E-mail:	
Address:			*/ 11101.1	
Phone: 603-332-2	ATTACATION & PHOTHER.	Ing Fax:		rveying & Engineering
Dwner Signature	Ble. Irvens	Applicant Signa		Residence Vers
taff Signature	4 week			- JUN 2 8 2021

Revised 12-07-2011

Application Checklist	Barrington Subdivision Regulation
Applicant:	_Case#

Subdivision, Site Review, and Lot Line Adjustment Application Checklist Barrington Planning Board Adopted January 20, 2009

This checklist is intended to assist applicants in preparing a complete application for subdivision as required by the Barrington Subdivision Regulations and must be submitted along with all subdivision applications. An applicant seeking subdivision approval shall be responsible for all requirements specified in the Barrington Subdivision Regulations even if said requirements are omitted from this checklist.

An applicant seeking subdivision approval shall be responsible for providing all the information listed in the column below entitled "Subdivision" and should place an "x" in each box to indicate that this information has been provided. If an item is considered unnecessary for certain applications the "NA" box should be marked instead indicating "Not Applicable". Only certain checklist items are required for lot line adjustments, as noted by the applicable check boxes below.

Check The Appropriate Box or Boxes Below:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				•
🗵 Lot Line Relocation 🗵 Site Plan 🔲 Subdivision Plan				ļ	
See Section I & II See Sections I & II See Sections I, II, III, IV & V	•			1	
	Provided	NA.	•		
Section I.			,		
General Requirements	······································				
Completed Application Form	X				
2. Complete abutters list	X				•
3. Payment of all required fees	X			٠.	
Five (5) full size sets of plans and six / 2 sets of plans 11" by 17" submitted with all required information in accordance with the subdivision regulations and this checklist					
5. Copies of any proposed easement deeds, protective covenants or other legal	Ø			-	
documents		' -			
Any waiver request(s) submitted with justification in writing	X	O			٠.
7. Technical reports and supporting documents (see Sections IX & X of this checklist)	(X)				Ì
Completed Application Checklist	X				
Section II.			,	.	
General Plan Information				,	ļ
1. Size and presentation of sheet(s) per registry requirements and the subdivision regulations	M				
2. Title block information:	図				1
a, Drawing title	図				
b. Name of subdivision	[2]			1	1
c. Location of subdivision	Ø				ŀ
d. Tax map & lot numbers of subject parcel(s)	u 🔀 🛶			╁┈	•
Enange Comments	- 8	7825	-	V	200

__(date of adoption)

JUN Z 8 2021°

e. Name & address of owner(s)	X		Ι	
f. Date of plan	3			
g. Scale of plan		0	 	
h. Sheet number	X	百	·	
l. Name, address, & telephone number of design firm	3			.
. Name and address of applicant	X	5		
Révision block with provision for amendment dates	<u> </u>	1		
4. Planning Board approval block provided on each sheet to be recorded	X	占		
5. Certification block (for engineer or surveyor)	<u> </u>	5		
6. Match lines (If any)	3	岩		
7. Zoning designation of subject parcel(s) including overlay districts	[X]	1		
Minimum lot area, frontages & setback dimensions required for district(s)			·····	
List Federal Emergency Management Agency (FEMA) sheet(s) used to				
fdentify100-year flood elevation, locate the elevation	Ø			ŀ
10. Note the following: "If, during construction, it becomes apparent that deficiencies	 			
exist in the approved design drawings, the Contractor shall be required to correct	図.			- 4
the deficiencies to meet the requirements of the regulations at no expense to the			İ	. 1
Town."				
11. Note the following: "Required erosion control measures shall be installed prior to	X			
any disturbance of the site's surface area and shall be maintained through the	IKE	٠		. '
completion of all construction activities. If, during construction, it becomes		,		ľ
apparent that additional erosion control measures are required to stop any erosion	-			
on the construction site due to actual site conditions, the Owner shall be required			-	ľ
to install the necessary erosion protection at no expense to the Town."				ŀ
12. Note Identifying which plans are to be recorded and which are on file at the town.	X			
13. Note the following: "All materials and methods of construction shall conform to	Ø			
Town of Barrington Subdivision Regulations and the latest edition of the New				
Hampshire Department of Transportation's Standard Specifications for Road & Bridge Construction."	1 .		ĺ	{
14. North errow	<u> </u>	_		
15. Location & elevation(s) of 100-year flood zone per FEMA Flood insurance Study				
16. Plan and deed references	X	П		
	X			
17. The following notes shall be provided:	⊠			
a, Purpose of plan	Ø			
b. Existing and proposed use	. 🛛			
c. Water supply source (name of provider (company) if offsite)	X			
d. Zoning variances/special exceptions with conditions	Ø			
e. List of required permits and permit approval numbers				
f. Vicinity sketch showing 1,000 feet surrounding the site	×			
g. Plan index indicating all sheets	[2]			
18. Boundary of entire property to be subdivided				
19. Boundary monuments	Ø			
a. Monuments found	X			
b. Map number and lot number, name addresses, and zoning of all abutting land		5		
owners	, mag	-	.	Ì
c. Monuments to be set	図	Ī		
20. Existing streets;	[2]		_	
a. Name labeled	N N	ō	- .	
b. Status noted or labeled	3	ö		
c. Right-of-way dimensioned	[X]			
d. Pavement width dimensioned		5		
21. Municipal boundaries (if any)		님		
	التخاا	L L		

(date of adoption)

Total Control
JUN 2 8 2021

22. Existing easements (identified by type)	X			
A) Drainage easement(s)		X	•	
B) Slope easements(s)		Ø		
C) Utility easement(s)		X		
D) Temporary easement(s) (Such as temporary turnaround		X		
E) No-cut zone(s) along streams & wetlands (as may be requested by the		×		
F) Conservation Commission)				
G) Vehicular & pedestrian access easement(s)	Ø			
H) Visibility easement(s)		X		
Fire pond/cistern(s)		×		
J) Roadway widening easement(s)		X		
K) Walking trail easement(s)		X		
a) Other easement(s) Note type(s)	3	X		
23. Designation of each proposed lot (by map & lot numbers as provided by the	<u> </u>	Ō		
assessor) ·	_)
24. Area of each lot (in acres & square feet):	Ø			
a. Existing lot(s)	3 3			
b. Contiguous upland(s)	×			\neg
25. Wetland delineation (including Prime Wetlands):	X			
a. Limits of wetlands	Ø			
b. Wetland delineation criteria	X			\neg
c. Wetland Scientist certification		-		
26. Owner(s) signature(s)	3			
27. All required setbacks	<u>X</u>			
28. Physical features .		一		
a. Buildings				
b. Wells	, IZI			
c. Septic systems		님		
d: Stone walls	(3)			
e, Paved drives	<u> </u>			
f. Gravel drives	Z)			
29. Location & name (if any) of any streams or water bodies				
30. Location of existing overhead utility lines, poles, towers, etc.	X	اات		
31. Two-foot contour interval topography shown over all subject parcels				
	X			
32. Map and lot numbers, name, addresses, and zoning of all abutting land owners Section III	X)			
Proposed Site Conditions Plan				ı
(Use Sections I General Requirements & Section II General Plan Information)				
Surveyor's stamp and signature by Licensed Land Surveyor	X		T	
2. Proposed lot configuration defined by metes and bounds .				{
3. Proposed easements defined by metes & bounds. Check each type of proposed	X			
easement applicable to this application:	, KA	اسا	i i	'
a. Drainage easement(s)	Ø			*****
b. Slope easement(s)	3			
c. Utility easement(s)	3			
d. Temporary easement(s) (such as temporary turnaround)		1 🛛		
e. Roadway widening easement(s)		. <u> </u>		
f. Walking trail easement(s)	旨	X		
g. Other easement(s) Note type(s)		N X		
4. Area of each lot (in acres & square feet):	図			_
a. Total upland(s)			ļ	
	ا, حسبر	وسيد	i I	- 1

10N 2 8 2021

b. Contiguous upiands(s)	X		T	T
5. Proposed streets:	X		 -	
a. Name(s) labeled		H	 	
b. Width of right-of-way dimensioned			 	-
c. Pavement width dimensioned	LAJ X		┝┷	
6. Source and datum of topographic information (USGS required)			ļ	
7. Show at least one benchmark per sheet (min.) and per 5 acres (min.) of total site				
area Soil Conservation Service (SCS) soil survey Information	 	·		<u> </u>
Location, type, size & inverts of the following (as applicable):	X			ļ
a. Existing water systems	N N			
b. Existing drainage systems	Ø			
c. Existing didninge systems	X			
10. 4K affluent areas with 2 test plt locations shown with suitable leaching areas	X			
11. Location of all water wells with protective radii as required by the NH Department	X		,	
Of Environmental Services (meeting Town and NHDES setback requirements) 12. Existing tree lines				
	Ø			
13. Existing ledge outcroppings & other significant natural features	図]
14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations	Ø			
Section IV	 	ļ		L
Construction Detail Drawings				
Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and	Ø			
Subdivision Regulations				
Typical cross-section of roadway	図			
Typical driveway apron detail	[2]		٠	
3. Curbing detail	XI	5		
4. Guardrall detail	[2]			
5. Sidewalk detail	<u> </u>			~~~~
6. Traffic signs and pavement markings	Ø			
7. Drainage structure(s):	X			
8. Outlet protection riprap-apron	<u> </u>			
9. Level spreader	Ø			
10. Treatment swale	3			
11. Typical section at detention basin	<u>X</u>			<u></u>
12. Typical pipe trench	<u> </u>			
13. Fire protection details		님		
44. Erosion control details:	[2]			·
15. Construction Notes	(A)			
a. Construction sequence				
b. Erosion control notes				
c. Landsoaping notes	8			
d. Water system construction notes	3			
e, Sewage system construction notes	· 🔯			
f. Existing & finish centerline grades	X			
g. Proposed pavement - Typical cross-section	· 🔯			
h. Right-of-way and easement limits	⊠			
Embankment slopes				
1 I Maria	[3]			
j. Ountles]	

(date of adoption)



oction V	T	*********]	~
pporting Documentation If Required	١,			
required in Article 6 of the Barrington Zoning Ordinance)	O	X		
Stormwater management report	X	П		├
				
. Environmental Impact assessment				
Hydrogeologic study				
Fiscal impact study provided .				<u> </u>
Calculation of permitted housing density (for Conservation Subdivisions only as required in Article 6 of the Barrington Zoning Ordinance)	5	N		
Site Inventory and Conceptual Development Plan (from preliminary Conservation Subdivision review only)		Ø		
	Calculation of permitted housing density (for Conservation Subdivisions only as required in Article 6 of the Barrington Zoning Ordinance) Stormwater management report Traffic Impact analysis Environmental Impact assessment Hydrogeologic study Fiscal impact study provided Calculation of permitted housing density (for Conservation Subdivisions only as required in Article 6 of the Barrington Zoning Ordinance) Site Inventory and Conceptual Development Plan (from preliminary Conservation	Calculation of permitted housing density (for Conservation Subdivisions only as required in Article 6 of the Barrington Zoning Ordinance) Stormwater management report Traffic Impact analysis Environmental Impact assessment Hydrogeologic study Fiscal impact study provided Calculation of permitted housing density (for Conservation Subdivisions only as required in Article 6 of the Barrington Zoning Ordinance) Site Inventory and Conceptual Development Plan (from preliminary Conservation	Calculation of permitted housing density (for Conservation Subdivisions only as required in Article 6 of the Barrington Zoning Ordinance) Stormwater management report Traffic Impact analysis Environmental Impact assessment Hydrogeologic study Fiscal Impact study provided Calculation of permitted housing density (for Conservation Subdivisions only as required in Article 6 of the Barrington Zoning Ordinance) Site Inventory and Conceptual Development Plan (from preliminary Conservation	Calculation of permitted housing density (for Conservation Subdivisions only as required in Article 6 of the Barrington Zoning Ordinance) Stormwater management report Traffic Impact analysis Environmental Impact assessment Hydrogeologic study Fiscal impact study provided Calculation of permitted housing density (for Conservation Subdivisions only as required in Article 6 of the Barrington Zoning Ordinance) Site Inventory and Conceptual Development Plan (from preliminary Conservation

(date of adoption)

jtp://2/8/2**021** -

APPLICATION AGREEMENT

I hereby apply for Subdivision Plan Review and acknowledge I will comply with all of the ordinances of the Town Of Barrington, New Hampshire State Laws, as well as any stipulations of the Planning Board, in development and construction of this project. I understand that if any of the subdivision Plan or Application specifications are incomplete, the Application will be considered rejected.

In consideration for approval and the privileges accruing thereto, the subdivider thereby agrees:

- E. To carry out the improvements agreed upon and as shown and intended by said plat, including any work made necessary by unforeseen conditions which become apparent during construction of the subdivision.
- E. To post all streets "Private" until accepted by the Town and to provide and install street signs as approved by the Selectmen of the Town for all street intersections.
- E. To give the Town on demand, proper deeds for land or rights-of-way reserved on the plat for streets, drainage, or other purposes as agreed upon.
- E. To save the Town harmless from any obligation it may incur or repairs it may make, because of my failure to carry out any of the foregoing provisions.

the agreement herein.	proceedings arising out of
Signature of Owner: Sur Man	
Signature of Developer:	
Technical Review Signatures:	
Town Engineer/Planner Approval Signature: filing of this application as indicated above, hereby give permiss Barrington Planning Board, the Town Engineer, The Conservat agents or employees of the Town or other persons as the Plannir enter upon the property which is the subject of this application at purpose of such examinations, surveys, test and inspections as may	ion Commission and such ag Board may authorize, to all reasonable times for the



(date of adoption)

HIM 7 8 2921

Δn	plicatio	n Ch	nalitlat
T,U	hunanr	/// U//	

Barrington Subdivision Regulations

(Refusal to sign this permission form does not invalidate an application, but the Planning Board may not be able to make an informed decision regarding unseen lands with potential areas of concerns).

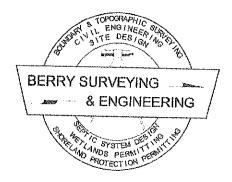
Signature of Owner:

Note: The developer/individual in charge must have control over all project work—and be available to the Road Agent and Code Enforcement Officer during the construction phase of the project. The Road Agent and Code Enforcement Officer—must be notified within two (2) working days of any change by the individual in—charge of the project.

ADMINISTRATIVE AND REVIEW FEES

(date of adoption)

IIIM 2 8 3021 13



BERRY SURVEYING & ENGINEERING

335 Second Crown Point Road Barrington, NH 03825 Phone: (603) 332-2863 Fax: (603) 335-4623

www.BerrySurveying.Com

June 14, 2021

Barrington Planning Board Attention: Marcia Gasses PO Box 660 333 Calef Highway Barrington, NH 03825

Re: Mixed Use Site Plan

Dove Development Group LLC Tax Map 235, Lots 1-1 & 3 Mixed Use Development

Ms. Gasses, Mr. Chairman, Members of the Barrington Planning Board,

On behalf of the Dove Development Group LLC, Berry Surveying & Engineering (BS&E) is submitting for your review, an application for a proposed 20 unit mixed use building & 25 townhouse units off the proposed extension of Community Way.

Background

In 2019, Christmas Lane was relocated to its current location and upgraded from a gravel road to a paved road with center landscaped island and sidewalk. This was done in order to create a town center and provide access to the rear Lots off the end of Community Way. Dove Development owns Lot 1-1 and Lot 3 behind existing Christmas Dove. Both lots are vacant with no existing structures. Woods cover the entirety of the subject parcels. Berry Surveying and Engineering has conducted a full boundary survey and topographic survey. A wetland analysis has also been conducted.

Proposal

This project proposes to extend Community Way onto Lots 1-1 and Lot 3 to provide a public road, terminating at cul-de-sac consistent with the Barrington Subdivision Regulations. The proposed Community Way extension will have the same cross section as the existing Community Way (center landscaped island and raised sidewalk). Adjacent to the roadway is a proposed mixed use building / development known as North Point Common. The building is proposed to be 10,500 square feet of commercial space with two floors of residential units above it, which is permitted in the zone with no density requirements. Each floor will contain 10 units. The building is required to be sprinkled, and the applicants are aware of the height requirement in the zone. This building is supported by on-site parking and pedestrian access to the walks provided in Community Way.

JUN 28 2021

LAND USE OFFICE

A new private road known as High Point Drive will be constructed off Community Way to provide access to 25 proposed town house units. In addition, a secondary access road will constructed off Community Way to access the existing driveway on Lot 4.

As part of the residential development, several storm water management treatment cells will be constructed to attenuate the flow from the proposed development as well as the offsite flow that comes from the west. The stormwater system were designed so that there will be no increase in flow to the final analysis points and have been design to Alteration of Terrain Standards.

Both the mixed use building and townhouse units will be serviced by a proposed community well and septic systems. Two community wells will be installed towards the northern corner of Lot 3. These wells will be designed to service the proposed uses. In addition to the wells, 6 septic systems will be installed to treat the effluent from the proposed commercial and residential uses. These septic designs will be submitted to NHDES for review and approval.

As part of the site plan development, several permits will be applied for. All copies of the permits will be presented to the Town when acquired. Additionally, the applicant is seeking a conditional use permit for disturbance within the buffer and a waiver request to the Barrington lighting standards. See attached waiver request for more information.

All proper erosion and sediment control measures will be taken to ensure that no sediment is tracked onto abutting lots or the adjacent wetlands. A construction entrance will be installed at the end of existing Community Way to prevent tracking. Perimeter control will be installed along the proposed edge of disturbance, with double protection for disturbance areas inside the 50' buffer.

As part of the site plan application, the applicant will also be applying for a lot line revision to merge Lots 1-1 and 3 into Lot 3.

Please let us know if you have further questions.

BERRY SURVEYING & ENGINEERING

Christopher R. Berry - Project Manager

Principal, President

to the second se

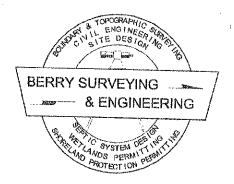
JUN 2 8 2924

LAND USE OFFICE



BERRY SURVEYING & ENGINEERING

335 Second Crown Pt. Rd., Barrington, NH 03825 (603) 332-2863 / (603) 335-4623 FAX www.BerrySurveying.Com



BERRY SURVEYING & ENGINEERING

335 Second Crown Point Road Barrington, NH 03825 Phone: (603) 332-2863 Fax: (603) 335-4623

www.BerrySurveying.Com

Fiscal Impact Analysis

For

Dove Development Group LLC Tax Map 235, Lots #1-1 & 3

Dove Development Group, LLC N.H. Route 9/ Community Way Barrington, NH

Prepared By

Berry Surveying & Engineering 335 Second Crown Point Road Barrington, NH 03825 603-332-2863

> File Number DB2020-097



Introduction

The proposal is to extend existing Community Way to provide access to a new mixed use building with commercial on the first floor and 20 residential units on the floors above. A second road known as High Point Drive (private), will be constructed off Community Way and provide access to 25 new townhouse units. These units will be serviced by onsite septic systems and a community well. Parking areas are proposed in order to provide ample room for guest parking. A lighting plan is also included in the plan set to show the proposed lamps and how they will illuminate the units, parking areas and the road. The units proposed are drive under townhouses, are 2 bedrooms, with garage and 1 space out front.

Attendance at Public Schools: In a study published in 2004 by New Hampshire Housing Finance Authority (NHHFA) the average rate derived for child per household in a single family attached dwelling was 0.31 and is on average declining in the state of New Hampshire. The site design proposes 45 units which fall into the single family attached category. There are no outside forces due to marketing, demographic or the surrounding neighborhood to influence a higher or lower rate than provided in the NHHFA study. Data has been provided by the Barrington Land Use Office, and a rate of .15 was used in this analysis. This rate is on par with the single family average published in the NHHFA study.

 $0.15 \times 45 = 6.75$

It should be noted that this number would be dispersed over entire school age system.

Increase in Vehicular Traffic: An in depth traffic analysis has been provided to show the traffic that will be generated as a result of the development. A total of 47 vehicle trips (27 enter/20 exit) are predicted to occur at the weekday AM peak hour and 83 vehicle trips (37 enter/46 exit) at the PM peak hour. No improvements are required for N.H. Route 9.

Change in Number of Legal Residents: It is anticipated that all occupants would be residents with two people per unit. 90 resident increases. (97 if children are included)

Increases in Municipal Costs: As mentioned above, most of the development is proposed to be a private. The Department of Public Works will only be responsible for the proposed Community Way extension.

Load on Public Utilities or future demand for them: As noted above, the proposed units will be serviced by on site septics and a community well.

Public Safety: The project will not have an adverse effect on public safety. Normal residential uses, identical to those of the surrounding neighborhood are anticipated. Auto traffic safety is enhanced by utilizing the newly constructed Community Way access off N.H. Route 9 Roadway has been designed to be bike and pedestrian friendly.

HIN 28 2023

Changes in Tax Revenue: The existing tax rate is 22.67 dollars per thousand of value. The estimated cost of improvements is in excess of \$6,750,000. Generating tax revenue of at least \$153,022.50 Currently the assessment of the property is limited to raw land.

Changes in Surface Drainage: A full drainage analysis has been submitted with the application. Several drainage best management practices such as rain gardens and gravel wetlands will be constructed in order to mitigate and treat the runoff generated from the proposed road construction and units.

Increased Consumption of Ground Water: Wells are proposed to service the proposed units but given the lack of existing use on this lot, the proposed development should not have an adverse effect on the groundwater, and is subject to NHDES Well Bureau review. Onsite septic allows for re-infiltration, as does the proposed stormwater system.

Increased Refuse Disposal: Refuse disposal is to be handled via private pickup and disposal.

Pollution of Water or Air: Given the detention system and advanced treatment systems proposed for the storm water system, there are no known air quality issues related with normal single family uses. Therefore, there will be no impact to air and water.

Land Erosion and Loss of Tree Cover: A robust landscaping plan is proposed so that the area around the proposed units can be re-vegetated. See plans and report.

Disturbance to other aspects of the natural ecology: The units are proposed to be built in upland areas, away from existing wetlands. This is done to preserve the natural features on site and promote development in desirable areas. The units are designed around the existing topography of the lot.

Blocking Views: The proposed development will be placed towards the middle and rear of the front Lot, thus pulling it away from N.H. Route 9. The lot is also surrounded by tress, thus screening it from surrounding parcels.

Harmony with Surrounding Developments: The proposed density sits within the Village District which allows for a denser placement of units based on the zoning. The proposed town house units will conform to the types of development desired within the Village District.

LANCE OFFICE

Location of Utilities: All utilities required for this project will be installed underground. With the exception of one or two drop poles.

Respectfully submitted,

Berry Surveying & Engineering

James Hayden

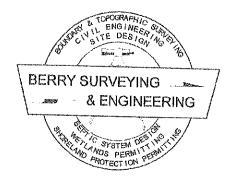
Engineering Technician

Christopher R. Berry Principal, President

Remark Company of the Date of

UN 18 70%

LAND USE OFFICE



BERRY SURVEYING & ENGINEERING

335 Second Crown Point Road Barrington, NH 03825 Phone: (603) 332-2863 Fax: (603) 335-4623 www.BerrySurveying.Com

June 14, 2021

Barrington Planning Board Attention: Marcia Gasses PO Box 660 333 Calef Highway Barrington, NH 03825

Re: Environmental Impact Analysis
Dove Development Group LLC
Tax Map 235, Lots 1-1 & 3
Mixed Use Development

Ms. Gasses, Mr. Chairman, Members of the Barrington Planning Board,

On behalf of the Dove Development Group LLC, Berry Surveying & Engineering (BS&E) is submitting for your review, an application for a proposed 20 unit mixed use building & 25 townhouse units off the proposed extension of Community Way. Below is the environmental impact analysis.

As part of the site plan design, an intensive drainage analysis was conducted. As part of the drainage design, several stormwater management systems will be installed to capture and treat the runoff generated from the site. The proposed stormwater systems will act as a buffer between the proposed development and the surrounding lots and wetlands. Included in the submission are two technical documents that break down in depth the specific functions of the stormwater best management practices and how to maintain them post constriction. See the "Drainage Narrative" and "Inspection Operation & Maintenance Manual" for more information.

The proposed mixed use building and townhouses will be serviced by on site septics and wells. Given the topography, shape and layout of the lot, the proposed well will have to be placed as shown towards the northeast corner of Lot 3. There is an upland area that will be more than sufficient for the well and pad. In order to access this area, two wetland fingers will have to be crossed. A wetland permit is being filed with NHDES for these crossings. Included in that application will be a functions and values assessment of the existing wetlands on site. The two wetland fingers are considered low value because they are very common and have little ecological benefit because they are not the receiving areas, only small fingers. The crossings were analyzed and sized so that the proposed culverts can maintain hydrology, while allowing sediment transport and wildlife passage.

In addition to the wetland disturbance, this project proposes 12,631 of buffer disturbance. The buffer disturbance is required for the wetland crossing, grading of a gravel wetland and the proposed extension of community way. As part of construction within the 50 buffer several

用原文等 領路

LAND LOE OFFICE

design methods will be used to stabilize the disturbed area and provide added protection to the remaining buffer and wetlands. This will include two layers of perimeter control (mulch berm, silt soxx, ect.), increased vegetated buffer through an intensive landscaping design and conservation seed mixed to stabilize the side slopes after construction is complete.

As part of the permitting process, a permit was filed with the Natural Heritage Bureau (NHB). A copy of that permit has been included with this document. The NHB data check demonstrates any potential threatened or endangered species in the area around the subject parcel. In this case a few species were found in the area. As part of the NHB permitting process, the parcel has to be reviewed to see if it contains any highest ranked habitats or supporting landscape. No high ranked habitats or supporting landscapes were found on the subject parcels (See attached map by NH Granit). Although there were no endangered species found on site or supporting habitats, several design methods were implemented to mitigate potential impacts: No sumps in the proposed catch basins, outlet structures will have filled bases to allow escape, all outlet structures placed in grassed areas will have "bee hive" grates to remove the potential for animals to enter the rims, all matting/erosion control blankets are natural fiber and not plastic products, all sedimentation barriers are either natural fiber silt soxx or mulch berms, pond seeding specifications are pollinator friendly and curbing is designed to be sloped granite, not vertical.

An intensive erosion and sediment control plan is included in the design. Perimeter control will be used to keep sediment within the construction area and out of abutting lots and buffer areas. A construction entrance will be placed at the beginning of the proposed road construction. This will prevent sediment from being tracked onto the existing road or parking lot. Silt soxx will be used throughout the project to keep sediment out of the ponds during construction. All of these design methods will be utilized to stabilize the site and protect the surrounding environment.

A robust landscaping design has been done to provide vegetation throughout the site and provide barriers between the proposed development and existing lots/wetland buffers. Several types of trees and shrubs will be planted throughout the site. These plantings will provide green space within the project and allow for transitions between the different uses. Highbush blueberries will be planted along the edge of disturbance within the wetland disturbance areas. Highbush blueberry bushes thrive in wetland areas and will add an increased level of protection.

Several design methods have been implemented to project the surrounding environment from the proposed development. See attached plan set and supporting documents for more information regarding the project and design methods.

BERRY SURVEYING & ENGINEERING

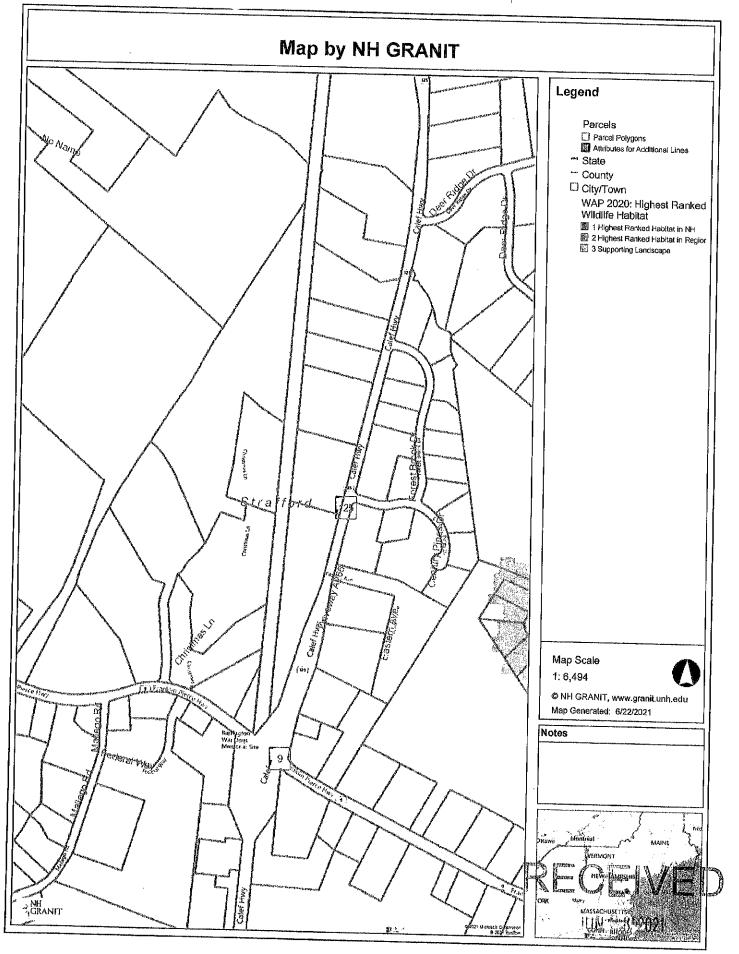
Christophe R. Berry - Project Manager Principal President

The Course of th

BERRY SURVEYING & ENGINEERING

335 Second Crown Pt. Rd., Barrington American (603) 332-2863 / (603) 335-4623 FAX www.BerrySurveying.Com





CONFIDENTIAL - NH Dept. of Environmental Services review

Memo

NH Natural Heritage Bureau NHB Datacheck Results Letter

> Christopher Berry, Berry Surveying & Engineering 335 Second Crown Point Road Barrington, NH 03825 To:

Amy Lamb, NH Natural Heritage Bureau 3/17/2021 (valid until 03/17/2022) From: Date:

Review by NH Natural Heritage Bureau

NHDES - Other Permit, NHDES - Wetlands Permit, USEPA - Stormwater Pollution Prevention Permits:

Mixed Use Development of the Parcel which will require an AoT Permit and a Potential Wetlands Permit Location: Barrington Town: NHB20-3670 Description: NHB ID:

Tax Maps: Map 235, Lots 1-1 & 3

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

NHB: No Comments At This Time Comments

Kim Tuttle

F&G. Please conduct a vernal pool study between April 15 and the end of May. Please submit A oT-related documents for NHFG review, A o T review inquiries or wildlife biologist questions to NHF Greview@wildlife.nh.gov. If project related include the NHB datac heck results letter number (i.e. NHBxx-xxxx) in the email subject line at a minimum. Not including this number will affect our response time and delays of our review. Please include the NHB number in the title of the assessment along with a date (year,month, day).

Vertebrate species	State	State ¹ Federal Notes	Notes
		-	23224
Banded Sunfish (Enneacanthus obesus)	SC	I	Contact the NITE's B. Come Dougle 1
Dlonding of Think I			CATTER COLUMN TO THE CATTER Debt (See DelOW)
DIALIULUS S 1 UTITE (Emydoidea blandingii)	ĮT)	!	Contact the NILI Dish & Comm. Treet C.
Catathor Tariti	i		Commentation of the Dept (see Delow)
Sported 1 drift (Clemmys guttata)	[-	;	Contact the NH Fish & Come Done (Cont. 1. 1.
			CATTER THAT IS IT OF CALLE LINE SEE DELOW

"E" = Endangered, "T" = Threatened, "SC" = Special Concern, "..." = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet agated to the official state list. An asterisk (*) indicates that the most recent report for that occurrence was more than 20 years ago

कुन्द्रमञ्जद for all animal reviews: Kim Tutile, NH F& G, (603) 271-6544.

a formation gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or ha ve only been surveyed for certain Presentive result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on Free S. An on-site survey would provide better information on what species and communities are indeed present. DNCRAHB 172 Pembroke Rd. Concord, NH 03301

Department of Natural and Cultural Resources Division of Forests and Lands

fax: 271-6488

6051271-2214

HUM 18